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Java Security - group of 14 »

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HUNTING FOR METAMORPHIC - group of 12 »

P Ször, P Ferrie - VIRUS, 2001 - madchat.org
VIRUS BULLETIN CONFERENCE, SEPTEMBER 2001 • 123 VIRUS BULLETIN CONFERENCE ©2001
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P Weibel - Ars Electronica 1990, Band II, 1990 - aec.at
Page 1. VIRTUAL WORLDS: THE EMPEROR'S NEW BODIES Peter Weibel Perception
here, and there the Object. GWF Hegel In the 18th century ...
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Assuring the safety of opening email attachments - group of 4 »

R Balzer - Proceedings of DARPA Information Survivabilty Conference and ..., 2001 - doi.ieeecs.org ... opened until the document has been repaired (which the **virus**-scanning software can ... The third technique is a **virtual machine**, as exemplified by the Java **Virtual ...**<u>Cited by 10 - Web Search</u>

Malicious Data and Computer Security - group of 10 »

W Sibert - Proceedings of the 19th National Information Systems ..., 1996 - fish.com ... of detecting the known examples of the Microsoft Word virus described in ... the effects of malicious data more effectively than virtual machine monitors because ... Cited by 7 - Cached - Web Search

Security Issues in Mobile Code Systems - group of 8 »

DM Chess - Mobile Agents and Security, 1998 - Springer
... such as Tcl or Perl, and designing a new language and virtual machine from scratch ... circumstances alter each other, it may even be possible for a virus to spread ...

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P Ször, P Ferrie - VIRUS, 2001 - madchat.org

... This shows that traditional code **emulation** logic in older **virus** scanner engines might not be used 'as is' to trace code on such a level. ...

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ATTACKS ON WIN32-PART II - group of 24 »

P Ször - VIRUS, 2000 - madchat.org

... possible entry point of the **virus** decryptor can be identified in a **virus**-specific manner. Then **emulation** checks which areas of the **virtual machine**'s memory ... Cited by 3 - View as HTML - Web Search

An Environment for Controlled Worm Replication and Analysis - group of 4 »

I Whalley, B Arnold, D Chess, J Morar, A Segal, M ... - IBM TJ Watson Research Center, Sept, 2000 - madchat.org ... the virtual network provided by the **emulation** systems (see ... virus, and it shows the virus infecting a ... The Service Provider virtual machine is critical to the ... Cited by 5 - View as HTML - Web Search

CONTROLLED WORM REPLICATION—'INTERNET-IN-A-BOX'

I Whalley - VIRUS, 2000 - cs.pdx.edu

... the virtual network provided by the **emulation** systems (see ... **virus**, and it shows the **virus** infecting a ... The Service Provider **virtual machine** is critical to the ... <u>View as HTML</u> - <u>Web Search</u>

Malicious Data and Computer Security - group of 10 »

W Sibert - Proceedings of the 19th National Information Systems ..., 1996 - fish.com ... techniques such as disassembly and **emulation** are required. ... of the Microsoft Word **virus** described in ... data more effectively than **virtual machine** monitors because ... Cited by 7 - Cached - Web Search

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S Microsystems - Sun Microsystems Documentation, 1995 - doi.ieeecomputersociety.org ... Far worse, it may be a back door to introducing a **virus** into the user's environment by cleverly ... The Java **virtual machine** is a software **emulation** of an ... <u>Cited by 6 - Web Search</u>

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This position paper supports the view that a model based on shared objects is an attractive alternative to mess operating system should provide support for shared persistent objects. The paper reviews several recently projects.

A taxonomy of computer program security flaws

Carl E. Landwehr, Alan R. Bull, John P. McDermott, William S. Choi September 1994 ACM Computing Surveys (CSUR), Volume 26 Issue 3

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Keywords: error/defect classification, security flaw, taxonomy

3 Software security and privacy risks in mobile e-commerce

Anup K. Ghosh, Tara M. Swaminatha

February 2001 Communications of the ACM, Volume 44 Issue 2

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Virtual Java/FPGA interface for networked reconfiguration

Yajun Ha, Geert Vanmeerbeeck, Patrick Schaumont, Serge Vernalde, Marc Engels, Rudy Lauwereins, Hugo De Mar January 2001 Proceedings of the 2001 conference on Asia South Pacific design automation

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10 Ada and Java on the WWW

Robert G. Munck, Richard F. Hilliard
May 1997

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Computer virus-antivirus coevolution

Carey Nachenberg

January 1997 Communications of the ACM, Volume 40 Issue 1

Publisher: ACM Press

Full text available: 📆 pdf(317.53 KB) Additional Information: full citation, citings, index terms, review

² The structure and performance of interpreters

Theodore H. Romer, Dennis Lee, Geoffrey M. Voelker, Alec Wolman, Wayne A. Wong, Jean-Loup Baer, Brian N. Bershad, Henry M. Levy

September 1996 ACM SIGPLAN Notices, ACM SIGOPS Operating Systems Review, Proceedings of the seventh international conference on Architectural support for programming languages and operating systems ASPLOS-

VII, Volume 31, 30 Issue 9, 5

Publisher: ACM Press

Full text available: 🔁 pdf(1.17 MB)

Additional Information: full citation, abstract, references, citings, index terms

Interpreted languages have become increasingly popular due to demands for rapid program development, ease of use, portability, and safety. Beyond the general impression that they are "slow," however, little has been documented about the performance of interpreters as a class of applications. This paper examines interpreter performance by measuring and analyzing interpreters from both software and hardware perspectives. As examples, we measure the MIPSI, Java, Perl, and Tcl interpreters running an ...

3 Technical Session: Creating the Standard Desktop Environment in a Non-Standard



World

Catherine Yang

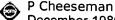
October 2001 Proceedings of the 29th annual ACM SIGUCCS conference on User services

Publisher: ACM Press

Full text available: pdf(169.15 KB) Additional Information: full citation, abstract, references, index terms

The purpose of this paper is to give user services staff an overview of issues to consider when trying to standardize desktop environments and deliver software upgrades to faculty, staff and students, as well as to provide some tried and true solutions to these problems.

Induction of models under uncertainty



December 1986 Proceedings of the ACM SIGART international symposium on Methodologies for intelligent systems

Publisher: ACM Press

Full text available: pdf(977.45 KB) Additional Information: full citation, abstract, references, index terms

This paper outlines a procedure for performing induction under uncertainty. This procedure uses a probabilitic representation and uses Bayes' theorem to decide between alternative hypotheses (theories). This procedure is illustrated by a robot with no prior world experience performing induction on data it has gathered about the world. The particular inductive problem is the formation class descriptions both for the tutored and untutored cases. The resulting class definitions are inherenty p ...

There's gold in them thar networks! or searching for treasure in all the wrong places

Jerry Martin

November 1993 Proceedings of the 21st annual ACM SIGUCCS conference on User services

Publisher: ACM Press

Full text available: pdf(1.60 MB) Additional Information: full citation, index terms

There's gold in them thar networks!: or searching for treasure in all the wrong places



Jerry Martin

December 1992 Proceedings of the 20th annual ACM SIGUCCS conference on User services

Publisher: ACM Press

Full text available: pdf(1.50 MB) . Additional Information: full citation, index terms

The evolving support toolbox or redistributed support



John Hawkins

September 1991 Proceedings of the 19th annual ACM SIGUCCS conference on User services

Publisher: ACM Press

Full text available: pdf(594.77 KB) Additional Information: full citation, index terms

Two years of experience with a &mgr;-Kernel based OS



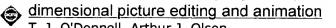
Jochen Liedtke, Ulrich Bartling, Uwe Beyer, Dietmar Heinrichs, Rudolf Ruland, Gyula Szalay April 1991 ACM SIGOPS Operating Systems Review, Volume 25 Issue 2

Publisher: ACM Press

Full text available: pdf(829.22 KB) Additional Information: full citation, abstract, citings, index terms

This paper describes the basic components of the L3 operating system and the experiences of the first two years using it. The system results from scientific research, but is addressed to commercial application. It is based on a small kernel handling tasks, threads and dataspaces. User level device drivers and file systems are described as examples of flexible OS services realized outside the kernel.

9 GRAMPS - A graphics language interpreter for real-time, interactive, three-



T. J. O'Donnell, Arthur J. Olson

August 1981 ACM SIGGRAPH Computer Graphics, Proceedings of the 8th annual conference on Computer graphics and interactive techniques SIGGRAPH

'81, Volume 15 Issue 3

Publisher: ACM Press

Additional Information: full citation, abstract, references, citings, index Full text available: pdf(1.19 MB) terms

GRAMPS, a graphics language interpreter has been developed in FORTRAN 77 to be used in conjunction with an interactive vector display list processor (Evans and Sutherland Multi-Picture-System). Several of the features of the language make it very useful and convenient for real-time scene construction, manipulation and animation. The GRAMPS

language syntax allows natural interaction with scene elements as well as easy, interactive assignment of graphics input devices. GRAMPS facilitates the ...

Keywords: Graphics language interpreter, Picture editor, Real-time animation, Vector display list processor

10 Interposition agents: transparently interposing user code at the system interface

Michael B. Jones

December 1993 ACM SIGOPS Operating Systems Review , Proceedings of the fourteenth ACM symposium on Operating systems principles SOSP

'93, Volume 27 Issue 5

Publisher: ACM Press

Full text available: pdf(1.55 MB)

Additional Information: full citation, abstract, references, citings, index

terms

Many contemporary operating systems utilize a system call interface between the operating system and its clients. Increasing numbers of systems are providing low-level mechanisms for intercepting and handling system calls in user code. Nonetheless, they typically provide no higher-level tools or abstractions for effectively utilizing these mechanisms. Using them has typically required reimplementation of a substantial portion of the system interface from scratch, making the use of such facilitie ...

11 Technical Session: Supporting ubiquitous computing through directory enabled



technologies

Michael Richichi, Paul Coen

October 2001 Proceedings of the 29th annual ACM SIGUCCS conference on User services

Publisher: ACM Press

Full text available: pdf(285.27 KB)

Additional Information: full citation, abstract, references, citings, index

Drew has been providing computers to students since 1984. Many universities have ubiquitous computing programs where students receive a laptop computer as part of their educational package. These programs reduce the dependence on and management issues of traditional computer labs, and allow 24x7 computing access to every student at the University. Drew also provides Novell Directory Services (NDS) accounts to all of these students, and utilizes Novell ZENworks to customize software, personalize ...

Keywords: LDAP, ZENworks, directory services, eDirectory, laptop programs, management, ubiquitous computing

12 Level II technical support in a distributed computing environment



Tim Leehane

September 1996 Proceedings of the 24th annual ACM SIGUCCS conference on User services

Publisher: ACM Press

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Additional Information: full citation, references, index terms

Risks to the public in computers and related systems



Peter G. Neumann

July 1996 ACM SIGSOFT Software Engineering Notes, Volume 21 Issue 4

Publisher: ACM Press

Full text available: pdf(809.60

KB)

Additional Information: full citation, index terms

14 Maintaining authenticated communication in the presence of break-ins Ran Canetti, Shai Halevi, Amir Herzberg

٩	August 1997 Proceedings of the sixteenth annual ACM symposium on Principles of distributed computing Publisher: ACM Press	
	Full text available: pdf(1.27 MB) Additional Information: full citation, references, citings, index terms	
15	It's out there, somewhere, but what's available, and how can I access it? James A. Muir September 1991 Proceedings of the 19th annual ACM SIGUCCS conference on User services Publisher: ACM Press Full text available: pdf(459.25 KB) Additional Information: full citation, index terms	
16	Computer immunology Stephanie Forrest, Steven A. Hofmeyr, Anil Somayaji October 1997 Communications of the ACM, Volume 40 Issue 10 Publisher: ACM Press Full text available: pdf(460.66 KB) Additional Information: full citation, references, citings, index terms	
17	Attack propagation in networks Sotiris Nikoletseas, Grigorios Prasinos, Paul Spirakis, Christos Zaroliagis July 2001 Proceedings of the thirteenth annual ACM symposium on Parallel algorithms and architectures Publisher: ACM Press Full text available: Ford(487 64 KR) Additional Information: full citation, abstract, references, citings, index	
	A new model for intrusion and its propagation through various attack schemes in networks is considered. The model is characterized by the number of network nodes, and two parameters f and g . Parameter f represents the probability of failure of an attack to a node and is a gross measure of the level of security of the attacked system and perhaps of the in truder's skills; g represents a limit on the number of attacks that the intrusion software can ever try, when it	
18 ③	Software theft and the problem of intellectual property rights Tom Forester March 1990 ACM SIGCAS Computers and Society, Volume 20 Issue 1 Publisher: ACM Press Full text available: pdf(1.25 MB) Additional Information: full citation, abstract, citings, index terms	
	Computers have brought many benefits to society, but they have also created new social problems such as computer crime, software theft, computer unreliability, invasions of privacy, hacking and the creation of viruses. In turn, these problems pose ethical dilemmas for the youthful profession of computing, which has yet to develop rigid codes of ethics. This is especially the case with software theft or piracy, a widespread phenomenon and a modern version of the age-old problem of intellectual pr	
19	Consulting through electronic mail Elizabeth R. Pohlhaus November 1997 Proceedings of the 25th annual ACM SIGUCCS conference on User services: are you ready? Publisher: ACM Press Full text available: pdf(814.86 KB) Additional Information: full citation, index terms	

20 <u>Placeholder: landscape and narrative in virtual environments</u> Brenda Laurel, Rachel Strickland, Rob Tow